*Bibliography from ADS file: froment.bib*
*September 14, 2022*


Colomban, L., Kretzschmar, M., Agapitov, O., et al., *"What is the role of whistler waves in shaping of the solar wind electron function between 0.17 and 1 AU ?"*, 2022cosp...44.1661C ADS

Krasnoselskikh, V., Dudok De Wit, T., Zaslavsky, A., et al., *"On the kinetics of inter-penetration of plasmas on the boundaries of coronal holes"*, 2022cosp...44.1457K ADS

Bizien, N., Dudok De Wit, T., Macdowall, R., et al., *"Statistical investigation of switchbacks properties observed by Parker Solar Probe"*, 2022cosp...44.1434B ADS

Froment, C., *"Observations of switchbacks with Parker Solar Probe"*, 2022cosp...44.1341F ADS

Dudok de Wit, T., Krasnoselskikh, V. V., Agapitov, O., et al., *"First Results From the SCM Search-Coil Magnetometer on Parker Solar Probe"*, 2022JGRA..12730018D ADS

Antolin, P. & Froment, C., *"Multi-Scale Variability of Coronal Loops Set by Thermal Non-Equilibrium and Instability as a Probe for Coronal Heating"*, 2022FrASS...920116A ADS

Larosa, A., Dudok de Wit, T., Krasnoselskikh, V., et al., *"Langmuir-Slow Extraordinary Mode Magnetic Signature Observations with Parker Solar Probe"*, 2022ApJ...927...95L ADS

Pelouze, G., Auchère, F., Bocchialini, K., et al., *"The role of asymmetries in coronal rain formation during thermal non-equilibrium cycles"*, 2022A&A...658A..71P ADS

Agapitov, O., Drake, J., Swisdak, M., Froment, C., & Mozer, F., *"Whistler Waves Bursts at Switchback Boundaries in the Young Solar Wind: Generation Mechanisms and Effects for Superthermal Electrons"*, 2021AGUFMSH44B..06A ADS

Dudok de Wit, T., Aschwanden, M., Bale, S., et al., *"New insight into the nature and origin of switchbacks thanks to a comprehensive catalogue of events"*, 2021AGUFMSH44B..05D ADS

Larosa, A., Krasnoselskikh, V., Dudok de Wit, T., et al., *"Langumir/Slow extraordinary mode magnetic signatures with Parker Solar Probe"*, 2021AGUFMSH35C2081L ADS

Froment, C., Agapitov, O., Krasnoselskikh, V., et al., *"Survey of whistlers waves parameters in the pristine solar wind from the first PSP orbit: wave amplitude, polarization, and occurrence rates"*, 2021AGUFMSH34B..08F ADS

Fargette, N., Lavraud, B., Rouillard, A., et al., *"Switchback systematic orientation near Sun and implications for solar interchange reconnection preferential locations"*, 2021AGUFMSH33B..03F ADS

Krasnoselskikh, V., Zaslavsky, A., Artemyev, A., Dudok de Wit, T., & Froment, C., *"On the kinetics of inter-penetration of plasmas on the boundaries of coronal holes"*, 2021AGUFMSH32B..04K ADS

Lavraud, B., Kieokaew, R., Fargette, N., et al., *"Magnetic reconnection as a mechanism to produce multiple proton populations and beams locally in the solar wind"*, 2021AGUFMSH25B2090L ADS

Lavraud, B., Kieokaew, R., Fargette, N., et al., *"Magnetic reconnection as a mechanism to produce multiple thermal proton populations and beams locally in the solar wind"*, 2021A&A...656A..37L ADS

Kretzschmar, M., Chust, T., Krasnoselskikh, V., et al., *"Whistler waves observed by Solar Orbiter/RPW between 0.5 AU and 1 AU"*, 2021A&A...656A..24K ADS

Fargette, N., Lavraud, B., Rouillard, A. P., et al., *"Characteristic Scales of Magnetic Switchback Patches Near the Sun and Their Possible Association With Solar Supergranulation and Granulation"*, 2021ApJ...919...96F ADS

Peter, H., Ballester, E. A., Andretta, V., et al., *"Magnetic imaging of the outer solar atmosphere (MImOSA)"*, 2021ExA...tmp...95P ADS

Jagarlamudi, V. K., Dudok de Wit, T., Froment, C., et al., *"Whistler wave occurrence and the interaction with strahl electrons during the first encounter of Parker Solar Probe"*, 2021A&A...650A...9J ADS

Froment, C., Krasnoselskikh, V., Dudok de Wit, T., et al., *"Direct evidence for magnetic reconnection at the boundaries of magnetic switchbacks with Parker Solar Probe"*, 2021A&A...650A...5F ADS

Larosa, A., Krasnoselskikh, V., Dudok de Wit, T., et al., *"Switchbacks: statistical properties and deviations from Alfvénicity"*, 2021A&A...650A...3L ADS

Fargette, N., Lavraud, B., Rouillard, A., et al., *"Why switchbacks may be related to solar granulation"*, 2021EGUGA..2315707F ADS

Froment, C., *"Long-period EUV Pulsations & Coronal Rain: Multi-scale manifestations of thermal non-equilibrium in the Solar atmosphere"*, 2021cosp...43E.961F ADS

Froment, C., Dudok De Wit, T., Krasnoselskikh, V., Malaspina, D., & Agapitov, O., *"Whistler wave properties during PSP encounter 1 - First results from SCM cross spectral data"*, 2021cosp...43E.938F ADS

Peter, H., Alsina Ballester, E., Andretta, V., et al., *"Magnetic Imaging of the Outer Solar Atmosphere (MImOSA): Unlocking the driver of the dynamics in the upper solar atmosphere"*, 2021arXiv210101566P ADS

Larosa, A., Krasnoselskikh, V., Dudok de Wit, T., et al., *"Switchbacks: statistical properties and deviation from alfvenicity"*, 2020AGUFMSH054..07L ADS

Jagarlamudi, V. K., Dudok de Wit, T., Froment, C., et al., *"Whistler wave properties and their occurrence during the Parker Solar Probe's 1st and 2nd encounter"*, 2020AGUFMSH052..06J ADS

Froment, C., Krasnoselskikh, V., Agapitov, O. V., et al., *"Whistler wave properties during PSP's encounter 1 - First results from SCM cross-spectral data"*, 2020AGUFMSH0490017F ADS

Kretzschmar, M., Krasnoselskikh, V., Dudok de Wit, T., et al., *"Performances and First Results from the RPW/Search Coil Magnetometer onboard Solar Orbiter"*, 2020AGUFMSH0360021K ADS

Agapitov, O. V., Dudok de Wit, T., Drake, J. F., et al., *"Whistler Waves in the Young Solar Wind: Properties, Origin, and Consequences for Particles"*, 2020AGUFMSH025..08A ADS

Rouppe van der Voort, L. H. M., De Pontieu, B., Carlsson, M., et al., *"High-resolution observations of the solar photosphere, chromosphere, and transition region. A database of coordinated IRIS and SST observations"*, 2020A&A...641A.146R ADS

Krasnoselskikh, V., Larosa, A., Agapitov, O., et al., *"Localized Magnetic-field Structures and Their Boundaries in the Near-Sun Solar Wind from Parker Solar Probe Measurements"*, 2020ApJ...893...93K ADS

Agapitov, O. V., Dudok de Wit, T., Mozer, F. S., et al., *"Sunward-propagating Whistler Waves Collocated with Localized Magnetic Field Holes in the Solar Wind: Parker Solar Probe Observations at 35.7 R_⊙ Radii"*, 2020ApJ...891L..20A ADS

Dudok de Wit, T., Krasnoselskikh, V. V., Bale, S. D., et al., *"Switchbacks in the Near-Sun Magnetic Field: Long Memory and Impact on the Turbulence Cascade"*, 2020ApJS..246...39D ADS

Pelouze, G., Auchère, F., Bocchialini, K., et al., *"Spectroscopic detection of coronal plasma flows in loops undergoing thermal non-equilibrium cycles"*, 2020A&A...634A..54P ADS

Kohutova, P., Verwichte, E., & Froment, C., *"First direct observation of a torsional Alfvén oscillation at coronal heights"*, 2020A&A...633L...6K ADS

Froment, C., Antolin, P., Henriques, V. M. J., Kohutova, P., & Rouppe van der Voort, L. H. M., *"Multi-scale observations of thermal non-equilibrium cycles in coronal loops"*, 2020A&A...633A..11F ADS

Kohutova, P., Verwichte, E., & Froment, C., *"First direct observation of a torsional Alfvén oscillation at coronal heights"*, 2019arXiv191203954K ADS

Dudok de Wit, T., Bale, S., Bonnell, J. W., et al., *"Switchbacks in the near-Sun magnetic field: long-range correlations and impact on the turbulence cascade"*, 2019AGUFMSH11A..08D ADS

Kohutova, P., Verwichte, E., & Froment, C., *"Formation of coronal rain triggered by impulsive heating associated with magnetic reconnection"*, 2019A&A...630A.123K ADS

Auchère, F., Froment, C., Soubrié, E., et al., *"The Coronal Monsoon: Thermal Nonequilibrium Revealed by Periodic Coronal Rain"*, 2018csc..confE.114A ADS

Pelouze, G., Parenti, S., Bocchialini, K., et al., *"Search for predicted periodic flows in loops undergoing thermal non-equilibrium"*, 2018cosp...42E2623P ADS

Auchere, F., Soubrie, E., Antolin, P., et al., *"The Coronal Monsoon: Thermal Nonequilibrium Revealed by Periodic Coronal Rain"*, 2018cosp...42E.144A ADS

Froment, C., Auchère, F., Mikić, Z., et al., *"On the Occurrence of Thermal Nonequilibrium in Coronal Loops"*, 2018ApJ...855...52F ADS

Auchère, F., Froment, C., Soubrié, E., et al., *"The Coronal Monsoon: Thermal Nonequilibrium Revealed by Periodic Coronal Rain"*, 2018ApJ...853..176A ADS

Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J., *"Erratum: textquotedblleftOn the Fourier and Wavelet Analysis of Coronal Time Seriestextquotedblright (<A href="https://doi.org/10.3847/0004-637x/825/2/110">2016, ApJ, 825, 110</A>)"*, 2017ApJ...838..166A ADS

Froment, C., Auchère, F., Aulanier, G., et al., *"Long-period Intensity Pulsations in Coronal Loops Explained by Thermal Non-equilibrium Cycles"*, 2017ApJ...835..272F ADS

Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J., *"Thermal Non-Equilibrium Revealed by Periodic Pulses of Random Amplitudes in Solar Coronal Loops"*, 2016usc..confE.131A ADS

Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J., *"Fourier and Wavelet Analysis of Coronal Time Series"*, 2016usc..confE.130A ADS

Froment, C., Auchère, F., Aulanier, G., et al., *"Long-period Intensity Pulsations as the Manifestation of the Heating Stratification and Timescale in Coronal Loops"*, 2016usc..confE..47F ADS

Froment, C.: 2016, "*Long-period intensity pulsations as the manifestation of heating stratification and timescale in solar coronal loops*"„ *Ph.D. thesis*, Institut d'Astrophysique Spatiale 2016PhDT.....115F ADS

Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J.„ *"Thermal Non-equilibrium Revealed by Periodic Pulses of Random Amplitudes in Solar Coronal Loops*", 2016ApJ...827..152A ADS

Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J.„ *"On the Fourier and Wavelet Analysis of Coronal Time Series*", 2016ApJ...825..110A ADS

Froment, C., Auchère, F., Bocchialini, K., et al.„ *"Evidence for Evaporation-incomplete Condensation Cycles in Warm Solar Coronal Loops*", 2015ApJ...807..158F ADS

Froment, C., Solomon, J., Buchlin, E., et al.„ *"Observations and possible interpretations of very long period intensity pulsations in solar coronal loops*", 2014cosp...40E.903F ADS